

NEW YORK

Science and Engineering Profile

	New York	U.S.	Rank		New York	U.S.	Rank
Doctoral scientists, 1993	36,882	430,332	2	Total R&D performance, 1993 (millions)	\$10,975	\$161,427	2
Doctoral engineers, 1993	5,410	81,293	3	Industry R&D, 1993 (millions)	\$8,820	\$117,622	3
S&E doctorates awarded, 1993	2,516	25,409	2	Academic R&D, 1993 (millions)	\$1,546	\$19,489	2
of which, in life sciences	24%	24%		of which, in life sciences	63%	55%	
in psychology	18%	13%		in engineering	13%	16%	
in social sciences	17%	15%		in physical sciences	9%	11%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	2,882	34,394	3	expenditures, 1993 (millions)	\$15,634	\$163,994	2
S&E graduate students, 1993				Number of SBIR awards, 1990-93	669	13,995	5
in doctorate-granting institutions	41,539	438,128	2	Patents issued to state residents, 1994	4,906	56,039	2
Population, 1994 (000s)	18,169	260,341	3	Gross state product, 1992 (billions)	\$497.6	\$5,994.1	2
Civilian labor force, 1994 (000s)	8,571	131,013	3	of which, agriculture	1%	2%	
Personal income per capita, 1994	\$25,999	\$21,809	4	manufacturing, mining, construction	17%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures 1994 (millions)	\$90,346	\$1,284,896	2	wholesale and retail trade	14%	16%	
R&D obligations 1993 (millions)	\$2,538	\$65,394	9	finance, insurance, real estate	26%	18%	
				services	23%	20%	
				government	11%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in New York by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	2,538,016	131,440	193,249	957,065	998,061	184,734	73,467	9
Department of Agriculture	30,889	14,263	0	60	15,509	1,057	0	16
Department of Commerce	4,838	1,730	16	1,192	1,847	0	53	22
Department of Defense	775,151	94,911	1,635	605,356	69,580	3,669	0	14
Department of Energy	559,942	13,138	186,921	300,274	58,173	1,436	0	3
Dept. of Health & Human Services	895,648	150	4,148	14,456	642,343	168,643	65,908	3
Department of the Interior	7,036	5,121	0	123	1,783	0	9	30
Department of Transportation	25,968	0	0	11,417	7,840	0	6,711	7
Environmental Protection Agency	5,062	0	0	1,928	2,563	0	571	17
Nat'l Aeronautics & Space Admin.	49,294	2,127	0	19,057	25,931	2,179	0	12
National Science Foundation	184,188	0	529	3,202	172,492	7,750	215	2
State rank	9	20	6	10	2	5	1	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.